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NEWS 1 Web Page for STN Seminar Schedule - N. America

NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40 $\,$ minutes

NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source (CS) field

NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced

NEWS 5 AUG 24 CA/CAplus enhanced with legal status information for U.S. patents

NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY

NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus

NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded

NEWS 9 OCT 21 Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 12:41:43 ON 25 OCT 2009

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:41:58 ON 25 OCT 2009

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Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 OCT 2009 HIGHEST RN 1189851-04-4 DICTIONARY FILE UPDATES: 23 OCT 2009 HIGHEST RN 1189851-04-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10561571ALW.str

```
chain nodes :
12  13  15  17  18
ring nodes :
1  2  3  4  5  6  7  8  9
chain bonds :
7-17  8-18  12-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
5-7  6-9  7-8  7-17  8-9  8-18  12-13
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
containing 1 :
```

G1:X,Ak,CF3,OH,SO3H,NO2,H,[*1]

Match level:
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 12:CLASS
13:CLASS 15:CLASS 16:Atom 17:CLASS 18:CLASS

L1STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS L1STR

 0^{-1} Ak



G1 X, Ak, CF3, OH, SO3H, NO2, H, [@1]

Structure attributes must be viewed using STN Express query preparation.

50 ANSWERS

=> s 11 sss sam SAMPLE SEARCH INITIATED 12:42:21 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 54075 TO ITERATE

3.7% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE** PROJECTED ITERATIONS: 1067615 TO 1095385 PROJECTED ANSWERS: 161080 TO 172022

50 SEA SSS SAM L1 L2

=> d scan

IN 1H-Benzimidazole, 2-(chloromethyl)-5-fluoro-1-[1-(2-pyridinyl)ethyl]-

MF C15 H13 C1 F N3

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):49

IN 1H-Benzimidazole, 4-(4-chloro-2-methylphenyl)-1-(cyclopropyl-3-thienylmethyl)-2,7-dimethyl-

MF C24 H23 C1 N2 S

MF C30 H44 N2 O6

Absolute stereochemistry. Double bond geometry as described by E or Z.

IN 1H-Benzimidazole-2-carboxaldehyde, 1-[(2E)-3-phenyl-2-propen-1-yl]-

MF C17 H14 N2 O

Double bond geometry as shown.

IN INDEX NAME NOT YET ASSIGNED

MF C26 H24 C1 F3 N2 O

MF

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

IN 1H-Benzimidazole-2-propanamide, 5-[(diethylamino)sulfonyl]-1-propyl-N-

1,3,4-thiadiazol-2-yl-C19 H26 N6 O3 S2

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN IN 1H-Benzimidazole-1-propanamide, 5-bromo-2-(1-chloroethyl)-

MF C12 H13 Br C1 N3 O

$$\begin{array}{c|c} \text{C1} & \\ \text{CH-Me} & \\ \text{CH}_2\text{-CH}_2\text{-C-NH}_2 \end{array}$$

1H-Benzimidazole, 4-(4-chloro-2-methoxyphenyl)-1-(cyclopropyl-3-furanylmethyl)-2,5-dimethyl-IN

C24 H23 C1 N2 O2 MF

IN

1H-Indene-5-carboxylic acid, 2,3-dihydro-,
[5-[(dimethylamino)sulfonyl]-1-propyl-1H-benzimidazol-2-yl]methyl ester

C23 H27 N3 O4 S MF

IN 1H-Benzimidazole, 2-(chloromethyl)-5-methyl-1-[2-(2-pyridinyl)ethyl]-

MF C16 H16 C1 N3

MF

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN

 ${\tt IN} \qquad 1 \\ {\tt H-Benzimidazole, 1-(dicyclopropylmethyl)-4-(4-methoxy-2,5-dimethylphenyl)-4-(4-me$

2,5-dimethyl-C25 H30 N2 O

IN 1H-Benzimidazole-1-acetamide, 2-[(2,4-dichlorophenyl)methyl]- α -ethyl-N-(4-pyridinylmethyl)- C24 H22 C12 N4 O

MF

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Benzimidazole, 5-chloro-2-(1-chloroethyl)-1-(2-furanylmethyl)-

MF C14 H12 C12 N2 O

$$\begin{array}{c|c} \text{C1} & \text{C1} \\ \mid & \text{CH-Me} \\ \hline & \text{N-CH}_2 \\ \hline \end{array}$$

IN 1H-Benzimidazole, 4-(2-chloro-4-methoxyphenyl)-1-(cyclopropylphenylmethyl)-2,6-dimethyl-

MF C26 H25 C1 N2 O

IN [1,1'-Biphenyl]-2-carboxylic acid,

4'-[[2-(2-phenylethyl)-1H-benzimidazol-1-yl]methyl]-

MF C29 H24 N2 O2

IN 1H-Benzimidazole-1-acetamide, α -(3-chlorophenyl)-N-cyclohexyl-2-(cyclohexylmethoxymethyl)-5,6-difluoro-

MF C29 H34 C1 F2 N3 O2

IN 1H-Benzimidazole, 1-(1-cyclopropylethyl)-4-(2,4-dichlorophenyl)-2,5-dimethyl-

MF C20 H20 C12 N2

IN 1H-Benzimidazole-1-ethanol, α -[(3-aminophenoxy)methyl]-2-methyl-, hydrochloride (1:2)

MF C17 H19 N3 O2 . 2 Cl H

●2 HC1

IN 1H-Benzimidazole-6-carbonitrile, 2-[2-chloro-1-methyl-2-[(3,3,3-

trifluoropropyl)sulfonyl]propyl]-1-methyl-C16 H17 Cl F3 N3 O2 S

MF

IN 1H-Benzimidazole, 1-(1-cyclopropyl-3-methoxypropyl)-4-(2,5-dichloro-4-methoxyphenyl)-2-ethyl-5-methyl-

MF C24 H28 C12 N2 O2

IN 1H-Benzimidazole-1-acetamide, N-[(2-hydroxy-5-nitrophenyl)methyl]-2-(trifluoromethyl)-

MF C17 H13 F3 N4 O4

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN 1H-Benzimidazole, 5,6-dichloro-2-[2-chloro-2-[(3,3,3-trifluoropropyl)sulfonyl]ethyl]-1-methylMF C13 H12 C13 F3 N2 O2 S

IN 1H-Benzimidazole, $4-(2-\text{chloro}-5-\text{fluoro}-4-\text{methylphenyl})-1-[\text{cyclobutyl}(5-\text{methyl}-2-\text{furanyl})\,\text{methyl}]-2,6-\text{dimethyl}-$

MF C26 H26 C1 F N2 O

IN Propanamide, 2-(3-chlorophenoxy)-N-[3-(2-methyl-1H-benzimidazol-1-

yl)propyl]-MF C20 H22 Cl N3 O2

IN 1H-Benzimidazole-2-ethanethioamide,

N,1-dimethyl- α -[(3,3,3-trifluoropropyl)sulfonyl]-

MF C14 H16 F3 N3 O2 S2

IN 1H-Benzimidazole, 1-(1-cyclopropylpropyl)-2-ethyl-4-[4-fluoro-2-(trifluoromethyl)phenyl]-

MF C22 H22 F4 N2

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN IN 1H-Benzimidazole-2-propanamine, 1-ethyl-4-fluoro-N-methyl-MF C13 H18 F N3

$$\begin{array}{c|c} \text{Et} & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

IN 1H-Benzimidazole, 1-(1-cyclobutyl-2-methoxyethyl)-2-ethyl-4-(4-methoxy-2-methylphenyl)-6-methyl-

MF C25 H32 N2 O2

IN 1H-Benzimidazole, 1-(1-cyclopropylethyl)-2-methyl-4-[4-propyl-2(trifluoromethyl)phenyl]-

MF C23 H25 F3 N2

IN 1H-Benzimidazole, 2-(chloromethyl)-1-(1,4-dioxan-2-ylmethyl)-

MF C13 H15 C1 N2 O2

1H-Benzimidazole, 1-(cyclopropyl-2-furanylmethyl)-2-ethyl-4-(6-methoxy-2-methyl-3-pyridinyl)-6-methylC25 H27 N3 O2 IN

MF

IN 1H-Benzimidazole, 1-(cyclopropyl-3-thienylmethyl)-2-propyl-4-(2,4,6-trimethylphenyl)-

MF C27 H30 N2 S

IN 2H-Benzimidazol-2-one, 1-[[1-(7-aminoheptyl)-1H-benzimidazol-2-yl]methyl]-1,3-dihydro-3-(1-methylethyl)-

MF C25 H33 N5 O

 $\label{eq:continuous} {\tt IN} \qquad 1 \\ {\tt H-Benzimidazole, 1-(1-cyclobutylethyl)-4-(2,4-dichloro-5-fluorophenyl)-4-(2,4-dichlor$

2,7-dimethyl-

MF C21 H21 C12 F N2

IN 1H-Benzimidazole, 1-(cyclobutylphenylmethyl)-4-(2,4-dichloro-6-methylphenyl)-2-methyl-

MF C26 H24 C12 N2

IN 1H-Benzimidazole, 1-methyl-2-[[4-(1-naphthalenylmethyl)-1-piperazinyl]methyl]-

MF C24 H26 N4

IN 1H-Benzimidazole, 1-(cyclopropyl-2-furanylmethyl)-4-(6-methoxy-2-methyl-3pyridinyl) -2,7-dimethyl-C24 H25 N3 O2

MF

IN Benzeneacetamide, 2-chloro-N-[2-[2-(1-ethyl-1H-benzimidazol-2-

yl)ethyl]phenyl]-MF C25 H24 Cl N3 O

IN 2-Furancarboxamide, 5-[(2-methyl-1H-benzimidazol-1-yl)methyl]-N-[(4-methylphenyl)methyl]-

MF C22 H21 N3 O2

$$\begin{array}{c|c} & \text{Me} & \text{O} & \text{O} \\ & \text{N} & \text{CH}_2 & \text{O} & \text{C} & \text{NH} & \text{CH}_2 \\ \end{array}$$

1H-Benzimidazole, 4-(2-chloro-4-methoxy-5-methylphenyl)-1-(1-cyclopropylbutyl)-6-methyl-2-propyl-C26 H33 Cl N2 O IN

MF

IN Urea, N-cyclopentyl-N'-[2-[2-(trifluoromethyl)-1H-benzimidazol-1-yl]ethyl]-

MF C16 H19 F3 N4 O

Methanone, (3,4-diethoxyphenyl)[4-[[1-(phenylmethyl)-1H-benzimidazol-2-yl]methyl]-1-piperazinyl]C30 H34 N4 O3 IN

MF

$$\begin{array}{c|c} \text{OEt} \\ \text{OOEt} \\ \text{N} \\ \text{CH}_2 - \text{Ph} \end{array}$$

L2

50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN Benzenamine, 4-[1-(1-cyclobutylpropyl)-7-methyl-2-propyl-1H-benzimidazol-4-IN yl]-N,N,3-trimethyl-

C27 H37 N3 MF

L2 50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Cyclopentanecarboxamide, N-[2-[5-[[2-(4-chloro-3-methylphenoxy)acetyl]amino]-1-methyl-1H-benzimidazol-2-yl]ethyl]-

methylphenoxy)acetyl]amino]-1-methyl-1H-benzimidazol-2-yl]ethyl]-MF C25 H29 Cl N4 O3

IN 1H-Benzimidazole-5-carboxylic acid,

2-[2-(acetylamino)ethyl]-1-[(tetrahydro-2-furanyl)methyl]-

MF C17 H21 N3 04

IN 1H-Benzimidazole, 1-(dicyclobutylmethyl)-2-ethyl-4-(4-methoxy-2-methylphenyl)-7-methyl-

MF C27 H34 N2 O

IN INDEX NAME NOT YET ASSIGNED

MF C33 H39 F3 N6 O5

Absolute stereochemistry.

PAGE 1-A

PAGE 2-A

L2

50 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN Benzenepropanoic acid, 3,5-dibromo-4-[[2-[2-(dimethylamino)-2-oxoethyl]-1-ethyl-1H-benzimidazol-6-yl]oxy]- α -fluoro-IN

C22 H22 Br2 F N3 O4 MF

IN 2-Pyridinamine, 5-[1-(1-cyclopropyl-3-methoxypropyl)-7-methyl-2-propyl-1H-benzimidazol-4-yl]-N,N,4-trimethyl-

MF C26 H36 N4 O

IN INDEX NAME NOT YET ASSIGNED

MF C29 H32 F3 N5 O3

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

10/561,571

=> log y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.96 1.18

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 12:43:03 ON 25 OCT 2009